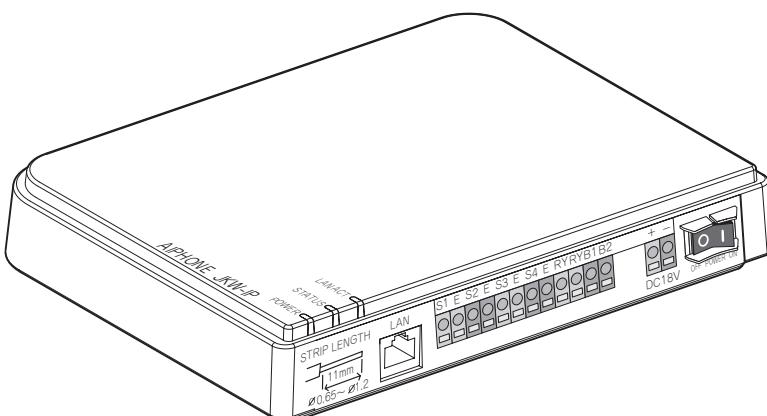


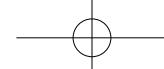
# JKW-IP

**IP Video Intercom Adaptor**  
**Interface pour portier vidéo IP**  
**IP-Adapter für JK-Videotürsprechanlage**  
**Adaptador de intercomunicación por video IP**  
**IP adapter voor JK videofonie**  
**Adattatore interfono video IP**

**INSTALLATION MANUAL**  
**MANUEL D'INSTALLATION**  
**INSTALLATIONSANLEITUNG**  
**MANUAL DE INSTALACIÓN**  
**INSTALLATIEHANDLEIDING**  
**MANUALE D'INSTALLAZIONE**



<b>English</b>	For safe and correct installation, be sure to read this installation manual carefully beforehand. Also read the Operation manual on the accompanying CD-ROM.
<b>ATTENTION</b>	Be sure to provide the customer with the CD-ROM which accompanies the unit.
<b>Français</b>	Afin de garantir une installation conforme, veuillez prendre connaissance de ce manuel d'installation au préalable. Veuillez également lire le manuel d'utilisation du CD-ROM qui accompagne chaque produit.
<b>ATTENTION</b>	Veillez à donner au client le CD-ROM qui accompagne l'appareil.
<b>Deutsch</b>	Zur sicheren und korrekten Installation lesen Sie bitte diese Installationsanleitung sorgfältig durch. Lesen Sie auch die Bedienungsanleitung auf der beiliegenden CD-ROM durch.
<b>ACHTUNG</b>	Stellen Sie sicher, dass die dem Gerät beiliegende CD-ROM dem Kunden geliefert wird.
<b>Español</b>	Para una instalación correcta y segura, asegúrese de leer detenidamente este manual de instalación. Lea también el manual de operación del CD-ROM de acompañamiento.
<b>ATENCIÓN</b>	Asegúrese de proporcionar al cliente el CD-ROM que acompaña a la unidad.
<b>Nederlands</b>	Lees deze installatiehandleiding zorgvuldig op voorhand voor een veilige en correcte installatie. Lees ook de gebruikshandleiding op de meegeleverde cd-rom.
<b>OPGELET</b>	Zorg ervoor dat u de klant steeds de cd-rom verschaft die bij het toestel geleverd wordt.
<b>Italiano</b>	Per eseguire un'installazione corretta e sicura, leggere innanzitutto questo manuale d'installazione. Leggere inoltre il Manuale d'uso contenuto nel CD-ROM in dotazione con ciascun prodotto.
<b>AVVISO</b>	Assicurarsi di fornire al cliente il CD-ROM in dotazione con l'unità.



## English

# PRECAUTIONS



Warning and Caution



General Prohibitions



Prohibition to  
Dismantle the Unit



Prohibition on Subjecting  
the Unit to Water



General Precautions

English

## ⚠ WARNING

Negligence could result in death or serious injury.

- ⌚ 1. Do not dismantle or alter the unit. Fire or electric shock could result.
- ⌚ 2. Keep the unit away from water or any other liquid. Fire or electric shock could result.
- ⌚ 3. High voltage is present internally. Do not open the case. Electric shock could result.
- ⌚ 4. Do not connect any non-specified power source to the +, - terminals. Also, do not install two power supplies in parallel to a single input. Fire or damage to the unit could result.
- ⌚ 5. Do not connect any terminal on the unit to an AC power line. Fire or electric shock could result.
- ⌚ 6. Do not use power supply with a voltage other than specified. Fire or electric shock could result.
- ⌚ 7. Do not put any metal or flammable material into the unit through the openings. Fire, electric shock, or unit trouble could result.

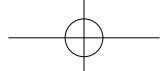
## ⚠ CAUTION

Negligence could result in injury to people or damage to property.

- ⌚ 1. Do not install or make any wire terminations while power supply is plugged in. It can cause electrical shock or damage to the unit.
- ⌚ 2. When mounting the unit on a wall, install the unit in a convenient location, but not where it could be jarred or bumped. Injury could result.
- ⌚ 3. Before turning on power, make sure wires are not crossed or shorted. If not, fire or electric shock could result.
- ⌚ 4. Do not install the unit in locations subject to frequent vibration or impact. It may fall or tip over and possibly damage the unit.
- ⌚ 5. For power supply, use Aiphone power supply model or model specified for use with system. If non-specified product is used, fire or malfunction could result.
- ⌚ 6. Do not put anything on the unit or cover the unit with cloth, etc. Fire or unit trouble could result.
- ⌚ 7. Do not install the unit in any of the following locations. Fire, electric shock, or unit trouble could result.
  - \* Places under direct sunlight or places near heating equipment that varies in temperature.
  - \* Places subject to dust, oil, chemicals, etc.
  - \* Places subject to moisture and humidity extremes, such as bathrooms, cellars, greenhouses, etc.
  - \* Places where the temperature is quite low, such as inside a refrigerated area or in front of an air conditioner.
  - \* Places subject to steam or smoke (near heating or cooking surfaces).
  - \* Where noise generating devices such as dimmer switches or inverter electrical appliances are close by.

## General Precautions

1. Keep the unit more than 1 m away from radio or TV set.
2. Keep the intercom wires at least 30 cm (12") away from AC 100-240 V lines. Noise and malfunction could result.
3. Install the unit in an area that will be accessible for future inspections, repairs, and maintenance.
4. As to other manufacturer's devices (such as sensor, detectors, door releases) used with this system, comply with the Specifications and Warranty conditions that the manufacturers or venders present.
5. This unit is for indoor use only. Do not use outdoors.
6. If the unit is down or does not operate properly, unplug the power supply or turn off the POWER switches.
7. When wall-mounted, the top of the unit may darken. This does not indicate a malfunction.
8. The unit case may become warm with use, but this is not a unit malfunction.
9. If it is used close to a cellular phone, the unit may malfunction.
10. The unit can be damaged if dropped. Handle with care.
11. The unit turns inoperative during power failure.
12. In areas where broadcasting station antennas are close by, the intercom system may be affected by radio frequency interference.



## PACKAGE CONTENTS



Wood mounting screws x 2  
(ø4 x 16 mm)

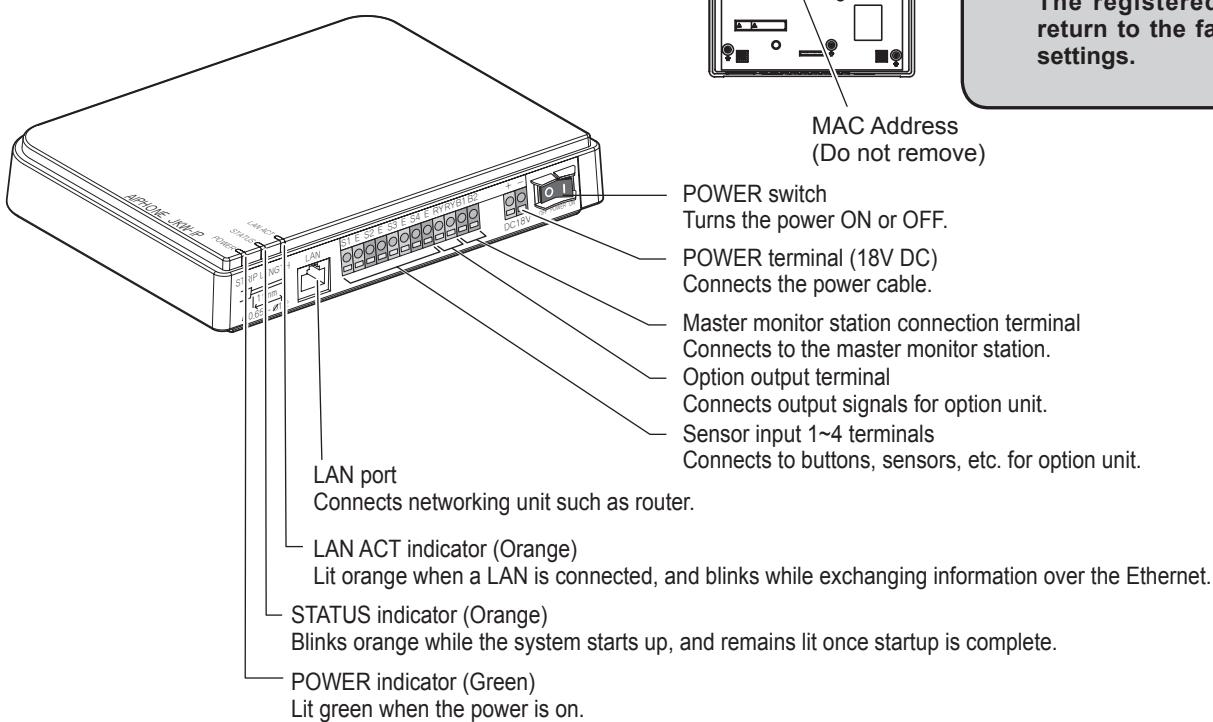


Spacers x 2



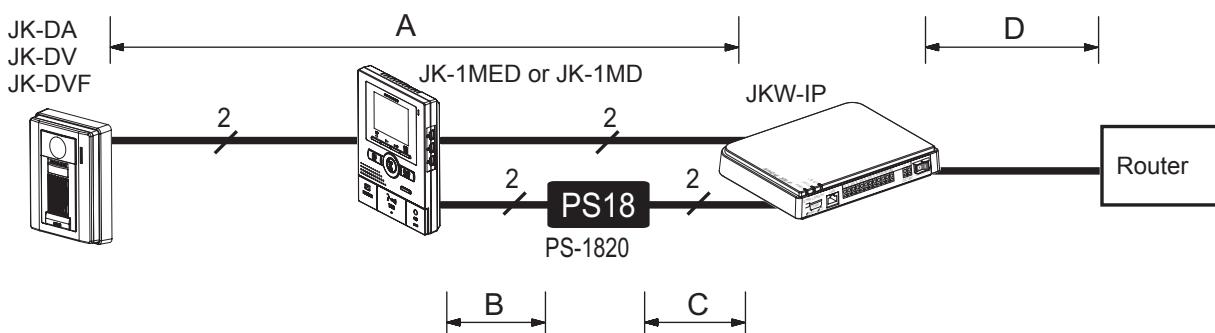
"OPERATION MANUAL & Software" (CD-ROM) X 1  
Installation Manual (this document) x 1  
Chinese ROHS (single sheet) x 1

## NAMES

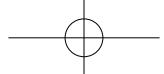


English

## WIRING DISTANCE



	Ø0.65 mm	22AWG	Ø1.0 mm	18AWG	CAT5e/6
A	50 m	165'	100 m	330'	—
B	5 m	16'	10 m	33'	—
C	50 m	165'	100 m	330'	—
D	—	—	—	—	100 m, 330'

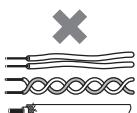


# CABLE

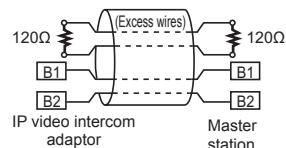
1 Use PVC jacket with PE (polyethylene) insulated cable.



2 Never use individual conductors, twisted pair cable or coaxial cable.



3 When using a cable with unused conductors, terminate both ends of the unused pair(s) with a  $120\ \Omega$  resistor.



4 Odd number cables, such as three conductor wire, cannot be used.



English

## ●About LAN cables

- When installing LAN cables, do not bend them to an extent where the radius is 30 mm (1-3/16") or less. Communication failure could result.



LAN cable

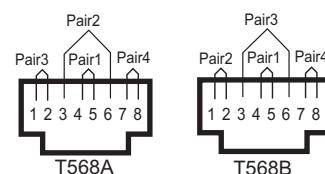
Radius  $\geq 30\text{ mm (1-3/16")}$



LAN cable

Radius  $< 30\text{ mm (1-3/16")}$

- Do not remove more of the LAN cable jacket than necessary.
- Arrange the color code of the RJ45 connections in accordance with EIA/TIA-568A and 568B.



# MOUNTING

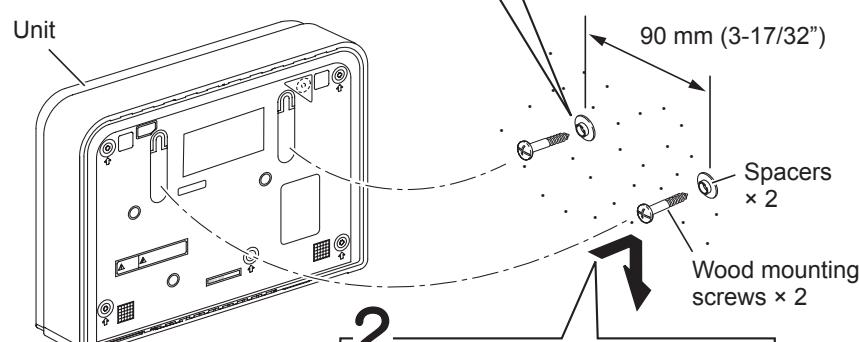
Install the unit on a shelf or wall in an area that will be accessible for future inspections, repairs, and maintenance.

Be sure to install the unit so that each indicator can be checked.

## ● When installing the unit on the wall

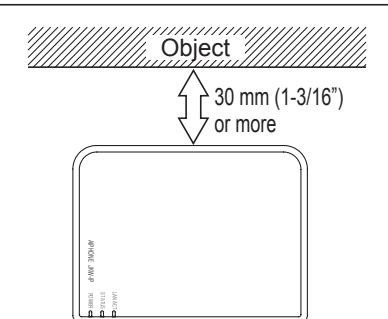
1

Attach spacers to the wood mounting screws, and then attach them to the wall.



2

Attach the unit.

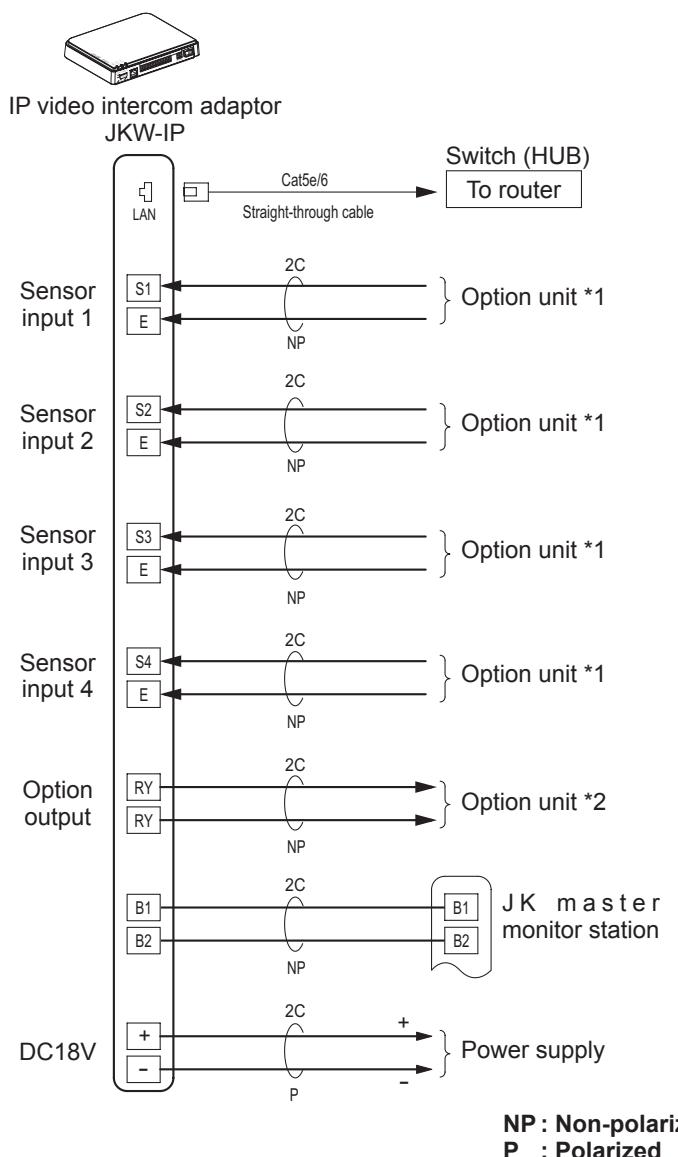


When installing the unit on the wall, allow at least 30 mm (1-3/16") of open space between the unit and any objects in the vicinity.

90 mm (3-17/32")

Size of the gap between the screws for installing the unit on the wall

# WIRING



- Do not use the unmarked terminals for other purposes.
- For the connection of products manufactured by other companies, refer to the manuals which accompany them.

## \*1. Input specifications

Input method	N/O or N/C dry closure contact (start signal only detection method)
Detection confirmation time	100 mS or more
Contact resistance	During N/O dry closure: Less than 700 $\Omega$ During N/C dry closure: At least 3 k $\Omega$
Terminal short current	Less than 10 mA
Voltage between terminals	Less than 20 V DC (when open between terminals)

## \*2. Output specifications

Output method	N/O dry closure contact
Voltage between terminals	24V AC, 0.5A (resistive load) 24V DC, 0.5A (resistive load) Minimum overload: 100mV DC, 0.1mA

## PS-1820



## ● Connection of stranded wires

Twist the strands together, then insert the wire into one of the quick coupling terminals.



Recommended wire diameter: 1.0 mm (18AWG)

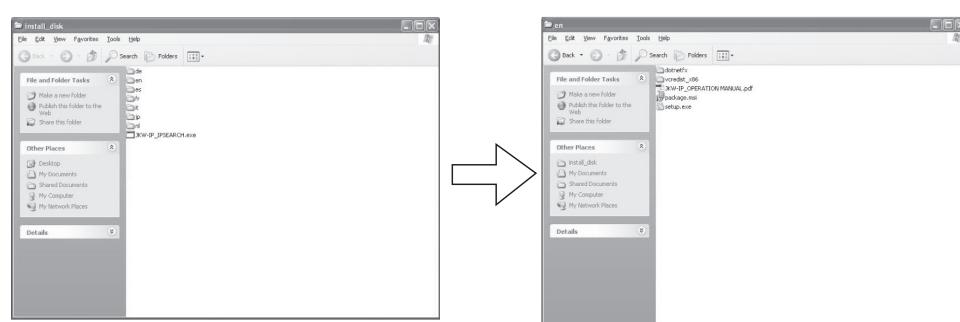
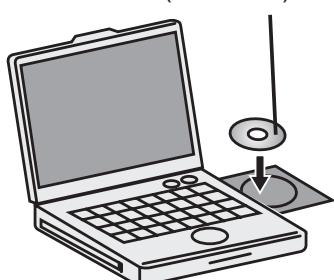
To ensure that the wire won't bend, press the release button while inserting into terminal.

# SETTING UP

First, install the supplied software onto your PC in order to set up and use this unit.

Follow the operation manual located in each language folder of the accompanying CD-ROM to install and set up the software.

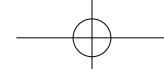
OPERATION MANUAL &  
Software (CD-ROM)



de : German  
en : English  
es : Spanish

fr : French  
it : Italian  
jp : Japanese

nl : Dutch



English

Français

Deutsch

Español

Nederlands

Italiano

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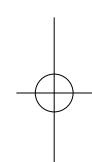
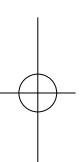
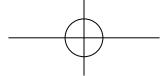
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